



Thompson

ALTRINCHAM
ASSISTANT
CHIEF
PUBLIC HEALTH
INSPECTOR

BOROUGH OF ALTRINCHAM

ANNUAL REPORT
of the
MEDICAL OFFICER OF HEALTH
Including the Report of the
CHIEF PUBLIC HEALTH INSPECTOR
FOR THE YEAR 1957.



PUBLIC HEALTH COMMITTEE.

Councillor G. Harmer - Chairman.
Councillor L.B. Wilson - Vice-Chairman.

Councillor Miss E.M. Fitton, Mayor of the Borough of Altrincham.

Aldermen W.G. Biddle,
R.S. Watson,
A. Weston,
A. Whitley,

Councillors E.J. Horley,
Mrs. E.M. Hoyle,
K. Jagger,
R.M. Kelsall,
R.F. Legat,
A.J. Leslie,
E. Ormerod (deceased),
Mrs. L.M. Smith.

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OFFICIALS.

D. Longbottom, M.B.,Ch.B.,D.P.H. - Medical Officer of Health.
M. Dickinson, M.R.S.H.,M.A.P.H.I. - Chief Public Health Inspector.
A.A. Wild, A.R.S.H.,M.R.I.P.H.H.,M.A.P.H.I. - Deputy Chief Public Health Inspector.
W. Macphail,
(25.3.1957). - Additional Public Health Inspector.
Mrs. C.B. Hargreaves, - Clerk.
R.C. Webb, - Student Public Health Inspector.
J.E. Crickmore, C.R.S.I.
(10.7.56). - Part-Time Public Health Inspector.

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Public Health Department,
16 Market Street,
Altrincham.

The Mayor, Aldermen and Councillors
of the Borough of Altrincham.

Your Worship, Ladies and Gentlemen,

I have pleasure in submitting to you the Annual Report of the Medical Officer of Health for the year ended 31st December, 1957.

Comments on the vital statistics are made in the appropriate parts of the report.

I again include a small appendix giving a brief list of many of the services connected with the National Health Service and the Welfare and Children's Section of the County Council.

Once again I must express my appreciation of the interest in Health matters shown by the members of the Committee, and place on record my thanks for the willing and efficient service given by all members of the Department.

I am, Ladies and Gentlemen,

Your Obedient Servant,

DONALD LONGBOTTOM,

Medical Officer of Health.



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GENERAL FEATURES OF THE BOROUGH.

The Borough is situated in the northern part of Mid-Cheshire some 8 miles south of Manchester.

The total population in accordance with the Registrar General's Estimate is 40,610.

There is a considerable industrial area containing several large engineering works of world wide repute, and a number of smaller concerns and factories, providing employment for approximately 17,000.

A fair proportion of the population is residential, with business interests in Manchester, Salford and other towns.

The main shopping centre and public market provide facilities for a large number of people from adjoining districts.

The public market is held on Tuesday and Saturday of each week and is well patronised by shoppers from a very wide area.

The Municipality provides Public Libraries and Public Swimming Baths. There is an 18 hole Municipal Golf Course, Tennis Courts, Recreation Grounds all of which provide wide open spaces in the Borough.

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GENERAL STATISTICS.

Area of District in acres -	3,476.
Number of inhabited houses (end of 1957) -	13,335.
Rateable Value (31st December, 1957) -	£508,038.
Product of a penny rate (at 31st March, 1958) -	£2,063. approximately.
Registrar General's Estimate of Population -	40,610.

VITAL STATISTICS.

	<u>1957.</u>	<u>1956</u> <u>COMPARISON.</u>
Birth Rate per 1,000 living,	14.1	15.4
* Standardised Birth Rate,	14.5	16.0
General Birth Rate (England & Wales),	16.1	15.7
Crude Death Rate per 1,000 living,	11.5	12.4
* Standardised Death Rate,	12.5	12.9
General Death Rate (England & Wales),	11.5	11.7
Deaths under 1 yr. in proportion to 1,000 Live Births, (Infant Mortality Rate)	13.5	32.0
Deaths under 1 yr. in proportion to 1,000 Live Births, (England and Wales),	23.1	23.9
Deaths from Cancer,	74	86
Deaths from Cancer of the lung,	20	23

	<u>1957.</u>	<u>1956</u> <u>COMPARISON.</u>
Deaths from Tuberculosis,	2	5
Deaths from Poliomyelitis,	0	1
Deaths from other notifiable infectious diseases,	0	0
Number of women dying in or in consequence of childbirth,	0	2
Deaths from accidents,	19	19
Total number of deaths from all causes,	460	503
Total number of births		
(Corrected for outward and inward transfers)	592	626

The population figures given are for the home population, and the births and deaths rates are based on this population.

* The standardised births and deaths rates are arrived at after taking into account the age and sex distribution of the population, giving a fairer basis for comparison with those of other areas.

TABLE I.
Live Births.

	<u>Males.</u>	<u>Females.</u>	<u>1957</u> <u>Total.</u>	<u>Comparison</u> <u>1956 Total.</u>
Legitimate Births,	275	302	577	608
Illegitimate,	8	7	15	18
Totals,	<u>283</u>	<u>309</u>	<u>592</u>	<u>626</u>

TABLE II.
Still Births.

	<u>Males.</u>	<u>Females.</u>	<u>1957</u> <u>Total.</u>	<u>Comparison</u> <u>1956 Total.</u>
Legitimate Births,	11	7	18	16
Illegitimate,	<u>1</u>	<u>0</u>	<u>1</u>	<u>1</u>
Totals,	<u>12</u>	<u>7</u>	<u>19</u>	<u>17</u>

TABLE III.

Deaths of Infants under 1 Year of Age.

	<u>Males.</u>	<u>Females.</u>	<u>1957</u> <u>Total.</u>	<u>Comparison</u> <u>1956 Total.</u>
Legitimate Births,	3	5	8	19
Illegitimate,	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>
Totals,	<u>3</u>	<u>5</u>	<u>8</u>	<u>20</u>

Deaths of Infants under 4 Weeks of Age.

	<u>Males.</u>	<u>Females.</u>	<u>1957</u> <u>Total.</u>	<u>Comparison</u> <u>1956 Total.</u>
Legitimate,	3	2	5	15
Illegitimate,	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>
Totals,	<u>3</u>	<u>2</u>	<u>5</u>	<u>16</u>

Causes of Deaths of Infants 4 Weeks to 1 Year of Age.

Asphyxia	1.	Meningo Myelocele	1.
Bronchial Pneumonia	1.		

Causes of Deaths of Infants under 4 Weeks of Age.

Prematurity	4.	Subtentorial Haemorrhage	1.
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There was a decrease in the number of live births from 626 to 592. This figure still remains higher than any previous total since 1949. The birth rate was exceptionally high in the immediate post-war years.

The number of deaths in infants under 1 year of age, 8, is exceptionally low, and compensates for the high figure of 20 in the previous year. The combined figures for the last two years would give an infant mortality rate of 22.7 per 1,000 live births which compares with that of 23.1 in 1957 for England and Wales.

INFECTIOUS DISEASES.

TABLE IV.

Diseases Notified During 1957.

<u>Notifiable Diseases.</u>	<u>Number of Cases Notified During 1957.</u>	<u>Comparison 1956.</u>
Measles,	670	73
Diphtheria (including Membranous Croup),	0	0
Erysipelas,	0	11
Scarlet Fever,	32	27
Whooping Cough,	46	45
Puerperal Pyrexia,	0	1
Cerebro-Spinal Meningitis,	0	0
Ophthalmia Neonatorum,	0	0
Pulmonary Tuberculosis,	5	8
Other Forms of Tuberculosis,	3	3
Pneumonia,	25	11
Chicken Pox,	0	0
Polio-myelitis,	0	14
Food Poisoning,	2	1
Acute Polioencephalitis,	0	0
Encephalitis Lethargica,	0	0
Dysentery,	2	0
Meningococcal Infection,	0	0
Gastro Enteritis,	1	0
Paratyphoid Fever,	1	0
Total	<u>787</u>	<u>194</u>

TABLE V.

Summary of Infectious Diseases by Age, other than Tuberculosis.

Age in Years.	0/1	1/2	2/5	5/10	10/15	15/25	25/45	45/65	65 & Over	Age Unknown	Total
Measles,	21	64	249	314	14	2	2			4	670
Scarlet Fever,		1	12	17	1	1	1				32
Whooping Cough,	2	4	17	18	3	1	1				46
Poliomyelitis,											
Food Poisoning,								2			2
Pneumonia,			6	2			5	11	1		25
Dysentery,				1			1				2
Gastro Enteritis,			1								1
Paratyphoid Fever,							1				1
Totals	23	69	285	352	18	4	10	13	1	4	779

TABLE VI.

Summary of Notifications received and Deaths due to Diphtheria during the years 1931 - 1957.

Year.	Total Cases.	Total Deaths.
1931/1940	290	15
1941/1951	9	0
1952/1957	0	0

Measles.

There was a measles epidemic in the early months of the year, the disease generally remaining mild in character.

Diphtheria.

Again this disease was absent from the community. There is a diphtheria immunisation rate of some 75% of children under 5 years which should ensure to a considerable degree against the return of diphtheria to this area.

Whooping Cough.

A moderate number of cases occur each year, but the numbers, in the 40-50 region remains much lower than in the late 1940's when more than 100 cases were notified each year.

One hopes that the increase in whooping cough immunisation of the last 5 years is beginning to show its effect.

Poliomyelitis.

This was the first year since 1949 in which no cases were notified. Last year, 1956, had shown the highest number of cases, viz. 14.

TABLE VII.

Number of Cases of Tuberculosis Notified during the
Year Ended 31st December, 1957.

Age Periods	Respiratory		Non Respiratory	
	Males	Females	Males	Females
0 - 1				
1 - 5		1		
5 -15				
15 -25		1	1	1
25 -35	2	1		
35 -45				
45 -55				1
55 & over				

TABLE VIII.

Deaths from Tuberculosis Registered during the
year ended 1957.

Ages.	Respiratory.		Non-Respiratory.
	Males.	Females.	
55 yrs.	1	-	-
70 "	1	-	-
Total	2	-	-

TABLE IX.

Deaths from Tuberculosis from 1945-1950: Average = 15 per year.
 " " " " 1951-1957: " = 4.3 " "

The above well illustrates the recent change in mortality from Tuberculosis.

TABLE X.

Deaths Registered During the Calendar Year 1957 and Causes.

	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>	<u>1956</u> <u>Comparison</u>
Syphilitic Disease,	0	0	0	2
Diphtheria,	0	0	0	0
Whooping Cough,	0	0	0	0
Meningococcal Infections,	0	0	0	0
Acute Poliomyelitis,	0	0	0	1
Measles,	0	0	0	0
Other Infective & Parasitic Diseases,	0	0	0	0
Malignant Neoplasm, Stomach,	4	6	10	8
Malignant Neoplasm, Lung Bronchus,	15	5	20	23
Malignant Neoplasm, Breast,	0	4	4	7
Malignant Neoplasm, Uterus,	0	3	3	1
Other Malignant & Lymphatic Neoplasms,	20	16	36	44
Leukaemia, Aleukaemia,	1	0	1	3
Diabetes,	0	0	0	2
Vascular Lesions of Nervous System,	35	56	91	74
Coronary Diseases, Angina,	43	26	69	85
Hypertension with Heart Disease,	3	6	9	8
Other Heart Disease,	30	40	70	69
Other Circulatory Disease,	8	12	20	20
Influenza,	2	3	5	0
Pneumonia,	5	7	12	15
Bronchitis,	15	9	24	24
Other Diseases of Respiratory,	2	1	3	6
Ulcer of Stomach & Duodenum,	5	0	5	5
Gastritis, Enteritis & Diarrhoea,	2	0	2	2
Nephritis & Nephrosis,	2	3	5	6
Hyperplasia of Prostate,	7	0	7	4
Pregnancy Childbirth Abortion,	0	0	0	2
Congenital Malformations,	0	1	1	6
Other Defined & Ill-Defined Diseases,	15	18	33	47
Motor Vehicle Accidents,	2	3	5	7
All Other Accidents,	5	9	14	12
Suicide,	5	4	9	5
Homicide & Operations of War,	0	0	0	0
	<u>228</u>	<u>232</u>	<u>460</u>	<u>503</u>

TABLE XI.

Deaths.

After a rather high figure of 503 deaths in 1956 the number fell to 460 this year and as can be seen from the following table is much nearer to the average of recent years.

TABLE XII.

BOROUGH OF ALTRINCHAM.

Vital Statistics for 1946-57 and Previous Years.

Year.	Population	Births.		Deaths.			
		Total	Rate per 1,000 Population.	Under 1 Year of Age.		All Ages.	
				Total	Rate per 1,000 Births.	Total	Rates per 1,000 popul- ation.
1946	38,300	680	17.7	24	35.0	412	10.7
1947	38,860	729	18.8	27	37.0	416	10.7
1948	39,570	631	15.9	24	38.0	430	10.8
1949	39,450	596	15.1	14	23.5	446	11.3
1950	39,600	541	13.7	13	24.0	486	12.3
1951	39,640	589	14.5	13	22.1	486	12.3
1952	39,660	557	14.0	13	23.3	443	11.2
1953	39,780	535	13.4	6	11.2	462	11.7
1954	40,070	550	13.7	15	27.3	445	11.2
1955	40,300	565	14.0	7	12.7	450	11.1
1956	40,430	626	15.4	20	32.0	503	12.4
1957	40,610	592	14.4	8	13.5	460	11.5

Medical Examinations for Superannuation Purposes.

During the year under review I have examined 23 members of the staff in connection with the superannuation scheme.

APPENDIX I - NATIONAL HEALTH ACT.

SERVICES AND SERVICES PROVIDED BY THE CHESHIRE COUNTY COUNCIL.

- A. Services provided in accordance with the requirements of the National Health Service Act, 1946..

1. Hospital Services.

- Controlling Body - Manchester Regional Hospital Board.
Local Hospitals - Administered by North West and Mid-Cheshire Hospital Management Committee.

Secretary - M. Owen, Administrative Offices,
Altrincham Maternity Home, Sinderland Road,
Altrincham.

Hospitals Serving this Area.

- General Acute Cases - Altrincham General Hospital and Denzell
(Convalescent).
General Chronic
Cases - Cranford Lodge, Knutsford,
Wythenshawe Hospital, Manchester.
Maternity Hospitals - Altrincham Maternity Hospital, Sinderland
Road, Altrincham.
Southfields, Langham Road, Bowdon.
Ear, Nose & Throat - St. Anne's Home, Woodville Road, Altrincham.
Infectious Disease - Monsall Hospital, Newton Heath, Manchester.
Small Pox - Ainsworth Small Pox Hospital, Nr. Bury, Lancs.

A large number of cases from Altrincham are treated in the Manchester Hospitals.

II. General Practitioner and General Dental Services.

Controlling Body - National Health Service Executive Council for Cheshire.

Clerk - Mr. F. Hayter, 28 Nicholas Street, Chester.

III. Services of Local Health Authority - Cheshire County Council.

1. Ambulance Service,)
2. Immunisation and Vaccination,)
3. Home Help Service,) Altrincham Divisional
4. Occupation Centre, (Navigation Road)) Health Committee.
5. Maternity and Child Welfare Clinics,)

Mountlands, The Mount, Altrincham.

Hours opening -

Monday 2 p.m. to 4 p.m.

Wednesday 2 p.m. to 4 p.m.

Thornholme, Park Road, Timperley,

Hours opening - Altrincham.

Tuesday, 10 a.m. to 12 noon.

Tuesday, 2 p.m. to 4 p.m.

Thursday, 10 a.m. to 12 noon.

Thursday, 2 p.m. to 4 p.m.

- | | | |
|---|---|----------------|
| 6. Domiciliary Midwifery and District Nursing, |) | |
| 7. Dental Service - Expectant and Nursing Mothers |) | |
| and Pre-School Children, |) | County Council |
| 8. Mental Health Service, |) | Health |
| Duly authorised Officer for Mental Health- |) | Committee. |
| Mr. Driver, 1 Claremont Road, Sale. |) | |

The Divisional Health Committee area covers Hale U.D.C., Bowdon U.D.C., Altrincham M.B., Knutsford U.D.C., and Bucklow R.D.C., and includes members of these Authorities, members of the County Council and co-opted members.

Divisional Medical Officer - D. Longbottom, M.B., Ch.B., D.P.H.
 Mountlands, The Mount, Altrincham.
 (Altrincham 1733)

B. Services administered by other Committees of Cheshire County Council.

- | | |
|--------------------------|--|
| 1. Education Committee, | - School Health Service,
including School Dental
Service. |
| 2. Welfare Committee, | - Old persons - homeless,
handicapped persons, -
provision for residential
accommodation etc. |
| County Welfare Officer | - Mr. Evans, County Hall,
Chester. |
| 3. Children's Committee, | - Provision for the care of
deprived children etc.
i.e. children not under
parental care. |

Children's Officer for this area - Mr. J.E. Blades,
 The Council Offices, Bexton Road, Knutsford.

ANNUAL REPORT
of the
Chief Public Health Inspector
for the Year ended 31st December, 1957.

To the Chairman and Members of the
Public Health Committee.

Mr. Chairman, Ladies and Gentlemen,

I have much pleasure in submitting to you my first Annual Report upon the activities of the Public Health Inspectorate and the operation of the Cleansing Service for the year ending 31st December, 1957.

The year opened with an acute staff shortage, the depleted inspectorate comprising Mr. J.E. Crickmore (Part-time) and myself as the then Deputy Chief. Here I would like to take this opportunity of thanking the Chairman, Vice-Chairman and members of the Committee for the trust they showed in appointing me Chief Public Health Inspector in February, for their kindly treatment of me, and for their welcome advice during my first ten months of office.

Difficulty was experienced in recruiting Inspectors, and, in fact, it was not until the latter end of March that the situation showed some easement in the appointment of Mr. W.M. Macphail as Additional Public Health Inspector, and, subsequently the appointment of Mr. A.A. Wild who took up his duties as Deputy Chief Public Health Inspector in the early part of May.

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WATER SUPPLY.

The water is supplied to the district by the Manchester Corporation from Thirlmere.

The Engineer and Manager reports as follows :-

Typical Analysis - Thirlmere Supply.

Remarks. A clear water free from sediment.

<u>Examination.</u>	pH value	...	...	7.0
	Colour as ppm platinum	...	...	8
	Turbidity ppm silica scale	...	...	1.5
	Odour or taste. Cold or hot	...	...	nil

Parts per million (ppm).

Total solids dried at 180°C	...	43
Free acidity as CO ₂	...	2
Alkalinity as CaCO ₃	...	14
Total hardness as CaCO ₃	...	20
Chlorides as Cl ₂	...	10
Nitrates as N ₂	...	0.15
Nitrites as N ₂	...	0.009
Ammoniacal nitrogen as N ₂	...	0.01
Albuminoid nitrogen as N ₂	...	0.01
Oxygen absorbed test, 4 hours @ 27°C	...	0.54
Silica as SiO ₂	...	2.5
Iron as Fe	...	0.11
Manganese as Mn	...	nil

This supply is liable only to slight variations during the year.

Samples for Bacteriological Examination, 1957.

One hundred and ninety-three (193) bacteriological samples were collected and examined during the year, with the following results :-

Samples free from coliform bacteria	158	81.9%
Samples free from faecal coli	185	95.9%
Samples with faecal coli present	8	4.1%
Samples with non-faecal coli present	35	18.1%
Total number of samples	193	

WATER SUPPLY (cont'd.)Samples with Coli Present.

Number of Coli. present per 100 mls. of water.	Type of Coli Present.			
	Faecal Coli		Non-faecal Coli	
	No. of Samples.	Per Cent.	No. of Samples.	Per Cent.
1	3	1.55	13	6.74
2	3	1.55	6	3.11
3	1	0.52	4	2.07
5	—	—	1	0.52
7	1	0.52	—	—
8	—	—	5	2.59
13	—	—	3	1.55
25	—	—	1	0.52
35	—	—	1	0.52
50	—	—	1	0.52
Total	8	4.1	35	18.1

All, except two of the samples with coliform bacteria present, were well scattered over the period May to December. Twenty-five (25) samples free from coli were taken on the same dates as those containing coli, indicating that the coli found were derived from 'aftergrowths' in deposits in the mains and not to lack of sterilising treatment. Except in one case, the faecal coli were present in minimal numbers.

Counts of 7 or more per 100 mls. of water were derived from the effects of disturbed deposits in the mains, such as flushing, waste detection, etc.

The supply has been maintained at a very satisfactory bacteriological quality throughout the year.

PUBLIC SWIMMING BATHS.

Ten samples of water from the large and small baths were taken during the year, and all the samples were found to be satisfactory.

INSPECTIONS, 1957.

Water Supply	6.	Overcrowding	6.
Drainage	298.	Verminous Premises	10.
Pail Closets	4.	Atmospheric Pollution	7.
Stables and Piggeries	13.	Shop Act	18.
Moveable Dwellings	203.	Schools	47.
Factories	23.	Refuse Receptacles	1,366.
Workshops	4.	Public Conveniences	82.
Houses Inspected	176.	Infectious Diseases	24.
Refuse Collection	18.	Miscellaneous Visits	316.
Refuse Disposal	17.	Miscellaneous Housing Visits	153.
Rodent Control	7.	Houses Let in Lodgings	3.

Notices Served.

Notices Served			Notices Complied With			Notices Outstanding		
Informal	Statutory	Total	Informal	Statutory	Total	Informal	Statutory	Total
161	15	176	143	14	157	18	1	19

Summary of Repairs and Improvements, 1957.

Defective Roofs	18.	Defective Brickwork	10.
Damp Walls	12.	Defective Floors	9.
Defective Plasterwork	8.	Defective Windows	13.
Defective Doors	4.	Choked Sewers	46.
Broken Fire-grate and Ranges	4.	Broken and Leaking	
Defective Chimney Flues	6.	Eavesgutters and	
Defective Chimney Structures	2.	Rainwater Pipes	24.
Unsatisfactory Water Supply	3.	Defective Water Closets	10.
Uneven and Broken Paving	2.	Defective Pail Closets	4.
Defective Drains	8.	Defective Sinks	1.
Choked Drains	29.	Miscellaneous Defects	9.

Rent Act, 1957.

This controversial Act came into operation on the 6th July, 1957 and the main provisions can be itemised as follows :-

- (1) The de-control of certain categories of dwelling houses.
- (2) Limitation or adjustment of rents in respect of repairs and the granting of Certificates of Disrepair in respect of dwelling houses which still remain controlled.
- (3) Certain miscellaneous provisions.

In the period between the 6th July to the 31st December, 1957, the following applications were made regarding Certificates of Disrepair :-

Number of applications for Certificates,		54.
Number of decisions not to issue Certificates,		NIL
Number of decisions to issue Certificates,		32.
viz :- (a) in respect of some, but not all defects,	24.	
(b) in respect of all defects,	8.	
Number of undertakings given by Landlords,		14.
Number of undertakings refused by Local Authority,		2.
Number of Certificates issued,		5.
Number of applications by Landlords for cancellation of Certificates,		NIL

Housing.

The following additional housing units have been constructed in the Borough during the year :-

New Corporation Houses,	45.
New Privately-Owned Houses,	90.
New Units Due to Conversions,	12.

Inspection of Dwelling Houses During the Year.

Public Health and Housing Acts,	197.
Number of visits made in connection with the above,	414.

Slum Clearance.

New Street Clearance Area.

Progress was well advanced at the end of the year with the construction of new houses on the Broomwood Estate for the re-housing of displaced persons from the New Street Clearance Area.

Individual Unfit Houses.

Two houses were vacated and were in the process of being demolished at the end of the year. The occupants were not re-housed by the Council.

Factories Acts, 1937 and 1948.

Inspections by Public Health Inspectors with regard
to Health Provisions.

Premises (1)	M/c. line No. (2)	Number on Register (3)	Inspections (4)	Number of Written Notices (5)	Occupiers Prosecuted (6)	M/c. line No. (7)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	12	4	-		1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	2	215	23	1		2
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises)	3	1		-		3

No cases of defects were found at the factories inspected. One complaint was referred at the end of the year by H.M. Factory Inspector regarding defective sanitary accommodation.

During the year four people were registered as outworkers engaged in the making of wearing apparel.

The Corporation's scheme for the grouping of industry on the new trading estate was continued, and three more additional new factories were completed during the year.

SEWERAGE AND SEWAGE DISPOSAL.

Satisfactory progress was made with the first phase of the new main Sewerage and Sewage Disposal Works which commenced last year.

The first phase of the works includes the laying of about 6,500 yds. of from 63" to 21" concrete pipes, and from 18" to 12" iron pipe sewers, surface water drains and storm overflow discharge pipes; the construction of about 1,350 yds. of 63" by 78" concrete storm overflow box culverts; manhole ventilators, etc. and the demolition of the existing sewers; the construction of screening chambers and detritus channels, mechanical screens and detritus dredger, sewage and storm-water, sludge and water pumping stations including pumping plant, the laying of about 1,700 yds. of 24", 21" and 9" iron sewage, storm-water and sludge pumping mains; the construction of sedimentation tanks, under-water de-sludging plant, tanks, office, work shops, roads, paths, fencing etc.

SCHOOLS.

During the year an improved supply of water was provided to one school along with a complete renovation of the sanitary conveniences.

At another school the insanitary trough closets and old compartments were demolished, new sanitary conveniences were built, and the playground resurfaced.

Inspections were carried out of the kitchens and canteens of the schools in the District, after which joint visits were made with the County Public Health Inspector, Senior Dietician and a representative from the County Architect's Department regarding the implementation of the Food Hygiene Regulations. Following this, various improvements were carried out.

RODENT CONTROL.

The Department employs a full-time Rodent Operative who is engaged in the making of investigations and the treatment of infested properties.

Infested dwelling houses are treated free of charge, but a small charge is made in respect of business properties.

The following table indicates the extent of work carried out :-

<u>Type of Property.</u>	<u>Number of Properties</u> <u>Inspected.</u>	<u>Number of Properties</u> <u>Treated.</u>
Dwelling Houses	224	95
Business Premises	405	74
Local Authority Properties	67	21
Agricultural Properties	45	-
	<u>741</u>	<u>190</u>

Sewer Treatments.

In accordance with the requirements of the Infestation Division of the Ministry of Agriculture, Fisheries & Food, test baiting of sewers is carried out once per year and manholes where infestations are found are treated at six-monthly intervals. This work is carried out in conjunction with the Borough Surveyor's Department.

	<u>April.</u>	<u>October.</u>
Total Number of Manholes	1,000	1,000
Number of Manholes Baited	72	40
Number of Manholes Showing Pre-Bait-Take	11	12
Number of Manholes Showing Complete Take	8	11

THE CLEAN AIR ACT, 1956.

This Act came into operation on the 31st December, 1956, with the exceptions of certain sections. The main provisions of the Act are now applicable and give the Local Authority power to establish smoke control areas. They require the notification of intentions to instal new furnaces which should be, as far as practicable, smokeless. The height of new industrial chimneys to be sufficient to prevent, as far as practicable, any emission from becoming injurious to health or a nuisance. The Local Authority may make Byelaws requiring that in new buildings heating and cooking installations shall be, as far as practicable, smokeless.

The Council, during the year, made application to the Ministry of Housing and Local Government for the adoption of the Byelaw regarding the installation in the new buildings of grates which will be capable of burning smokeless fuel. The 16 new shops and the 29 flats now under construction on the Council's Broomwood Estate will be completely smokeless, being heated solely by electricity. The Council considered making the use of smokeless fuels in their properties as a condition of tenancy and it was recommended that the use of smokeless fuels be adopted in principle for the planning of future dwellings.

Measurement of Atmospheric Pollution.

The Corporation is a member of the Manchester & District Regional Clean Air Council (Formerly Smoke Abatement Committee) who organise the measurement of atmospheric pollution within the Districts of the participating authorities.

The following tables show the results of investigations carried out during 1957 covering **eight** neighbouring authorities with regard to sulphur pollution :-

Estimation of Sulphur Dioxide expressed as
mgms SO₂/day/100 cm² Batch A PbO₂ (louvred cover)

Site.	Monthly Results - 1957											
	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
<u>ALTRINCHAM M.B.</u>												
Wellington Rd. Sec. Sch.	2.28	2.07	1.37	1.99	1.41	1.22	1.02	1.04	1.36	1.32	2.45	2.25
Oldfield Brow Prim. Sch.	2.11	2.37	1.94	1.69	1.39	1.22	0.97	1.07	1.46	1.55	2.80	2.72
<u>BOWDON U.D.</u>												
Towns Yard	1.31	1.28	1.00	1.19	0.68	0.59	0.43	0.39	0.56	0.72	1.66	1.49
<u>BUCKLOW R.D.</u>												
Ackers Farm	-	-	-	-	-	-	-	-	-	-	-	-
Moss Hall Farm	2.50	2.12	1.58	2.10	1.92	2.10	1.40	1.94	1.91	1.68	2.56	H
Green Lane Farm	1.74	1.85	1.23	1.43	0.91	0.83	0.66	0.66	1.04	0.93	1.93	2.02
Partington Gas Works	5.51	4.49	3.38	6.02	5.24	4.82	2.25	2.68	4.76	2.37	6.61	5.99
Bent Farm, Warburton	1.50	1.25	0.99	1.44	0.69	0.66	0.52	0.41	0.55	0.83	1.66	1.69
<u>ECCLES M.B.</u>												
Barton Airport	2.99	2.86	2.73	2.10	2.03	1.80	1.61	1.47	1.94	1.98	6	6
Sewage Works	3.00	3.83	3.61	2.67	2.65	2.06	1.76	1.86	2.77	2.14	4.79	3.91
Westwood Park	2.58	3.38	2.89	1.75	1.58	1.06	1.16	0.98	1.37	2.17	3.31	3.31
<u>HALE U.D.</u>												
Sewage Works	1.50	1.22	1.02	1.53	0.85	0.77	0.65	0.61	0.94	0.80	1.74	1.50
<u>IRLAM U.D.</u>												
Princess Park	3.02	2.61	2.05	1.63	1.66	1.55	1.40	1.04	1.27	1.86	2.54	3.24
Railway View Farm	2.04	2.19	2.36	1.58	1.32	1.18	0.96	0.97	1.38	1.57	2.84	2.84
Sewage Works	1.66	1.78	1.69	1.52	1.41	1.64	0.95	0.98	1.29	1.21	2.18	1.99
Woodside Farm	1.29	1.45	1.46	1.14	1.00	0.89	0.70	0.66	0.89	0.92	1.84	1.76
<u>SALE M.B.</u>												
Grammar School	1.22	2.54	1.83	1.64	1.22	1.19	0.95	1.06	1.31	1.49	2.56	2.87
Highways Depot	2.23	2.19	1.83	1.97	1.40	1.28	1.09	1.13	1.71	1.73	2.64	2.55
Sewage Works	2.75	2.48	1.87	1.93	1.42	1.42	1.30	1.25	1.85	1.69	2.80	2.98
<u>STRET福德 M.B.</u>												
Victoria Park	3.02	2.90	2.17	2.71	1.54	1.22	0.99	0.98	1.57	1.74	3.52	3.07
Metrovick, Mosley Road	9.46	7.94	8.53	5.78	6.26	8.32	9.90	8.87	10.31	8.93	7.69	8.72
Metrovick, West Works	4.19	4.15	3.74	3.81	4.55	5.37	5.81	6.47	6.18	4.29	4.45	5.10
Lostock Library	3.10	3.21	2.75	3.21	2.10	1.71	1.39	1.47	2.03	2.36	4.11	3.64
Longford Park	-	-	-	-	-	-	-	-	-	-	-	-
<u>URMSTON U.D.</u>												
Bowfell Road	3.27	2.15	2.12	2.17	1.49	1.59	1.08	1.12	1.43	1.53	2.83	2.66
Irlam Road	2.27	1.76	1.89	1.34	1.04	1.06	0.71	0.77	1.02	1.26	2.33	2.14
Davyhulme Sewage Works	2.37	3.31	2.97	3.49	2.30	2.16	1.80	1.93	2.18	1.87	3.27	3.80
Westbourne Park	2.09	2.40	1.99	1.85	1.41	1.49	1.08	1.09	1.42	1.62	2.67	2.52
Barton Power Station	3.36	3.58	3.44	6.01	4.01	4.27	2.00	1.67	2.48	2.53	5.14	5.85
Tenax Rd, Trafford Park	-	-	-	-	-	-	-	-	-	-	-	-

1. Cylinder damaged or stolen. 2. Post damaged. H Site inaccessible owing to foot and mouth disease.

FOOD INSPECTION.

<u>Inspection of Meat.</u>	
Visits to Slaughterhouses,	547.
Visits to Meat Stalls,	5.
Visits to :-	
Butchers,	16.
Canteens,	3.
Fishmongers,	2.
Fried Fish Shops,	4.
Food Preparing Premises,	21.
Bakehouses and Confectioners,	8.
Grocers,	44.
Sweets and Ice Cream,	6.
Green Grocers,	5.
Hawkers,	2.
Restaurants and Cafes,	11.
Public Houses,	3.
Dairies and Milk Distributors,	18.
Ice Cream Manufacturers' Premises,	52.
Synthetic Cream Manufacturers' Premises,	10.
<u>Miscellaneous Food Visits.</u>	12.

Tins.

- 4 - Whole Chicken.
- 10 - Ox Tongue.
- 33 - Corned Beef.
- 50 - Luncheon Meat.
- 1 - Pressed Mutton.
- 33 - Cooked Ham.
- 2 - Sardines.
- 2 - Pilchards.
- 1 - Sild.
- 1 - Beef Extract.
- 160 - Fruit.
- 32 - Peas.
- 58 - Tomatoes.
- 17 - Beans.

Tins.

- 5 - Carrots.
- 9 - Soup.
- 4 - Cooked Shoulder Ham.
- 2 - Creamed Rice.
- 7 - Fruit Juice.
- 41 - Evaporated Milk.
- 2 - Condensed Milk.
- 2 - Spaghetti.
- 1 - Jellied Veal.
- 1 - Mushrooms.
- 2 - Stewed Steak.
- 1 - Steak and Kidney Pudding.
- 1 - Cream.
- 1 - Mixed Vegetables.

Jars, Bottles, Packets.

- 1 - Patent Milk Drink.
- 1 - Prunes.
- 1 - Salad Cream.
- 9 - Marmalade.

Miscellaneous.

- 4 - Veal, Ham and Egg Pies - 28 lbs.
- 4 - Shanks, English Lamb - 25 lbs.
- 2 - Boxes Golden Cutlets - 14 lbs.
- 2 - Boxes Smoked Fillets - 14 lbs.
- 1 - Boiling Fowl
- 7 - Frozen Chickens - 21 lbs.

Milk (Special Designation) (Pasteurised and Sterilised Milk)
Regulations, 1949-1953.

Dealers' Licences	57.
Supplementary Licences	10.

Milk (Special Designation) (Raw Milk) Regulations, 1949-1954.

Dealers' Licences	6.
Supplementary Licences	10.
Distributors in the Borough	62.

Ice Cream - Registered Premises.

Manufacture	4.
Sale of Ice Cream	94.

Ice Cream Samples sent to the Public Health
Laboratory for Bacteriological Examination.

	<u>Provisional Grading.</u>			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Unwrapped Ice Cream (Manufactured in the Borough)	5	-	-	-
Unwrapped Ice Cream (Not Manufactured in the Borough)	2	-	2	3
Wrapped Ice Cream (Manufactured in the Borough)	16	5	3	9
Wrapped Ice Cream (Not Manufactured in the Borough)	4	-	-	-
	<u>27</u>	<u>5</u>	<u>5</u>	<u>12</u>

During August/September I was rather concerned about the results of samples taken from one particular manufacturer in the Borough, and a full-scale investigation was carried out involving the taking of samples at each stage of production. By the process of elimination it was found to be the homogenizer which was at fault. This was rectified by the use of a sterilizing agent/detergent and the results of the samples since obtained have been satisfactory.

Five samples of synthetic cream were also taken and were found to be satisfactory.

Examination of Milk Samples.

	<u>Samples.</u>	<u>Methylene</u> <u>Blue Reduction</u>	<u>Phosphatous</u>	<u>Turbidity</u>
		<u>Test.</u>	<u>Test.</u>	<u>Test.</u>
Pasteurised	5	Satisfactory,	Satisfactory,	-
T.T. Pasteurised	5	Satisfactory,	Satisfactory,	-
Sterilised	6	-	-	Satisfactory

PUBLIC SLAUGHTERHOUSE.

The Department is responsible for the running of the Public Slaughterhouse and a full-time attendant is employed.

Tolls are paid on a headage and rental basis and the premises are now mainly used by Wholesale Butchers.

During the latter part of the year there was a substantial increase in the animals slaughtered due to the new tenancy of a Manchester Wholesale Butcher.

Meat Inspection.

The meat inspection continued satisfactorily, and one hundred per cent inspection was achieved, but not without some difficulty at times. The incidence of disease in the 13,995 animals examined showed an increase over the previous year, but this could be largely attributed to the fact that a greater number of cows of a low quality were slaughtered for manufacturing purposes.

Throughout the year 16 tons. 5 cwts. 3 qrs. 1 lb. of carcase meat, and 11 tons. 10 cwts. 2 qrs. 9 lbs. of offal were rejected as unfit for human consumption, being treated with a green dye before being disposed of to an authorised meat processor.

In accordance with an agreement made with the butchers using the slaughterhouse in the previous year, the Corporation disposed of the unfit meat and offal, 95 per cent of the proceeds for such sales being paid to the butchers and the remaining 5 per cent was retained by the Corporation to cover administrative costs.

The following tables set out the details of the types of animals slaughtered, reasons for condemnation of whole carcasses and summary of unfit meat and offal.

Meat Inspection - Public Slaughterhouse; Number and Types of Animals
Slaughtered and Incidence of Disease.

	Cattle Excluding Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.
Number killed	970	1,118	426	10,275	1,206
Number inspected	970	1,118	426	10,275	1,206
<u>All diseases except Tuberculosis and Cysticerci</u>					
Whole carcasses condemned	2	5	13	11	2
Carcasses of which some part or organ was condemned	77	174	3	44	56
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	8.14 %	16.01 %	3.75 %	.53 %	4.8 %
<u>Tuberculosis only</u>					
Whole carcasses condemned	2	66	1	-	-
Carcasses of which some part or organ was condemned	70	416	1	-	11
Percentage of the number inspected affected with tuberculosis	7.42 %	43.11 %	.46 %	-	.91 %
<u>Cysticercosis</u>					
Carcasses of which some part or organ was condemned	7	-	-	-	-
Carcasses submitted to treatment by refrigeration	2	-	-	-	-
Generalised and totally condemned	-	-	-	-	-

Whole Carcases Condemned.

	Cows	Heifers	Bullocks	Bulls	Calves	Sheep	Pigs
Generalised Tuberculosis	66	2	-	-	1	-	-
Naval and Joint Ill	-	-	-	-	5	-	-
Fever	1	-	-	-	1	4	-
Generalised Oedema	3	1	1	-	3	-	-
Immaturity	-	-	-	-	4	2	-
Septic Peritonitis	-	-	-	-	-	-	2
Pyæmia	-	-	-	-	-	1	-
Extensive Bruising	1	-	-	-	-	2	-
Decomposition	-	-	-	-	-	2	-

Summary of Surrendered Unfit Meat and Offal.

	Cattle Excluding Cows.			Cows.				Calves.			Sheep.			Pigs.		
	cwt's.	qrs.	lbs.	tns.	cwt's.	qrs.	lbs.	cwt's.	qrs.	lbs.	cwt's.	qrs.	lbs.	cwt's.	qrs.	lbs.
Weight of Meat Condemned	17	1	11	14	16	3	19	5	3	1	4	1	19	1	1	7

	Cattle Excluding Cows.				Cows.				Calves.			Sheep.			Pigs.		
	tns.	cwt's.	qrs.	lbs.	tns.	cwt's.	qrs.	lbs.	cwt's.	qrs.	lbs.	cwt's.	qrs.	lbs.	cwt's.	qrs.	lbs.
Weight of Offal Condemned	1	11	1	2	9	13	3	5	1	0	7	1	1	22	3	0	1

Private Slaughterhouse.

The one private slaughterhouse in the Borough was again not used for the slaughtering of animals.

Slaughter of Animals Act, 1933 - 1954.

Ten renewal licences and one new licence were granted during the year for the stunning of animals in slaughterhouses or knackers' yards.

PUBLIC CLEANSING.

Refuse Collection.

With the exceptions of holidays and a short period during the winter months due to sickness, a weekly refuse collection was maintained.

The following shows the present details of the fleet of vehicles operated by the Department on refuse collection :-

1 "W" Type Fore and Aft Tipping S.D. Vehicle	1956.
1 Bedford Tipping Wagon	1954.
2 "W" Type Fore and Aft Tipping S.D. Vehicles	1953.
2 S.D. Sideloader Freighters	1948.
2 S.D. Sideloader Freighters	1946.
1 Guy Vixant	1942.
1 S.D. Sideloader Freighter	1939.

During the latter part of the year a Shelvoke & Drewry Fore and Aft Refuse Collection Vehicle with a Compressor Grid and Diesel Engine was on trial for three days. The results of the trial proved that the Grid would, in fact, increase the volume of refuse carried in the vehicle by approximately one-third, and that the Diesel Engine showed approximately 50% saving on fuel consumption as against petrol. The Committee, after consideration, decided to place an order for this type of vehicle.

The number of receptacles emptied during the year were as follows :-

Ashbins.

Number of premises from which ashbins have been emptied,	717,373.
Number of ashbins emptied,	771,333.
Loads of refuse removed,	6,665.
Loads of salvage removed,	956.

Ashpits and Pails.

Number of premises relieved,	2,166.
" " pails emptied,	2,093.
" " ashpits emptied,	56.

Additional Ashbins added During the Year.

New Corporation properties,	45.
New premises other than Corporation,	90.
New units due to conversions,	12.

Municipal Ashbin Replacement Scheme.

New ashbins provided since commencement of scheme	=7,302.
Ashbins supplied to Corporation properties (including 1,267 to Corporation properties).	
Ashbins supplied during 1957 (including 159 to Corporation properties).	=1,131.

Refuse Disposal.

Refuse disposal continues by controlled tipping on land at the Sinderland Road Sewage Disposal Works.

Three types of earth moving equipment were demonstrated during the year and a recommendation was made regarding the purchase of one type of equipment for the financial year 1958/1959.

A Sub-Committee was formed to explore the methods of future refuse disposal, having regard to the limited amount of suitable land in the Borough for controlled tipping. A Scheme was submitted for a Refuse Disposal Plant at an approximate cost of £100,000. The Sub-Committee made a visit to a similar Plant constructed in 1954 for the Aireborough U.D.C.

Salvage.

During the year there have been fluctuating markets regarding salvage material, and the one that affected the Department most was the embargo placed on the amount of waste paper which the Board Manufacturers would take from us.

Salvage Collected and Sales.

April, 1956 to March, 1957.

	Tons.	Cwts.	Qrs.	£	s.	d.
Waste Paper	269	18	2	2,024	9	7
Ferrous Metals	40	10	0	93	13	2
Non-Ferrous Metals		14	1	46	2	3
Textiles, etc.	16	7	2	262	2	0
Motor Tyres				2	0	0
Kitchen Waste	42	1	0	147	3	6
	369	11	1	2,575	10	6

PUBLIC CONVENIENCES.

In the first part of the year there was a certain amount of wilful damage at the conveniences controlled by the Department. This resulted in an extra watch being kept by the attendants and by the police. Two individuals were caught on separate occasions. Prosecutions took place at the Magistrate's Court and fines were imposed.

PUBLIC MORTUARY.

The mortuary is situated in the yard at the rear of the Town Hall, and although it is the responsibility of the Department it is mainly used under the instructions of the County Police.

During the year it was used seventy-six times for the reception of bodies, the deaths having resulted from the following causes :-

Natural causes and accidental causes (not due to road accidents)	-----	56.
Road accidents	-----	10.
Suicides (including drowning and coal gas poisoning)	-----	10.

A Sub-Committee was formed during the year and a plan was formulated by the Borough Surveyor which would make better use of the existing buildings. This work is to be put in hand during the financial year, 1958/1959.

MISCELLANEOUS.

Town Police Clauses Act, 1847.

Licence for Hackney Carriage Vehicles,	43.
" " " " Drivers,	30.

Pet Animals Act, 1951.

Licence to keep a Pet Shop,	5.
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Cheshire County Council Act, 1953.

Registration of Hawkers of Food (Section 144)	(1957) = 1. Total Registered = 9.
Hairdressers & Barbers (Section 148)	(1957) = 1. Total Registered = 39.

In conclusion, I would like to thank the members of the staff for their co-operation and loyal support during my first year of office.

M. DICKINSON,

Chief Public Health Inspector.

